Table I-11a
Comparison of Bridge Flow Capacity for Little Salt Creek (cfs)

Location	Model Identifier	Size and Type	100-year Flow		Capacity [1]	Average Return Frequency [2]	
	HEC-1		Existing	Projected		Existing	LLCCP-Projected [3]
Little Salt Creek							
Arbor Road	N4KK-N1	122 x 24 DSGB	12,626	12,626	15,800	>>100	>>100
Interstate 80	N2N-N1	222 x 175 DSGB	12,355	12,355	17,000	500	500
Interstate 80	N2N-N1	214 x 30 DSGB	12,355	12,355	17,000	500	500

1. Capacity for stormwater master planning purposes is defined as the flow rate that occurs prior to roadway overtopping.
2. Number of years (on average) that can be expected between overtopping events. For example, a bridge has a capacity before overtopping the road of 600 cfs, the 10% return frequency storm (10-year) flow rate is listed as 660 cfs and the 20% return frequency storm (5-year) flow rate is 540 cfs. By interpolation on probability paper, the bridge capacity would be less than the 10% return frequency storm or on average the bridge can be expected to be overtopped more frequently than every 10 years based on flow rates.
3. Value for existing structure with flow rates for projected conditions yet to be determined at publication.